

[illegible]

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690	11.38	77.79	49.99	6	US-09-724-676A-21045	Se-pu-nev	21045	A	c	75.4	13.4	75.8	201	10	08	60	465	241	179471	Se-pu-nev	21045	A	
691	11.38	77.79	49.99	6	US-09-724-676-21048	Se-pu-nev	21048	A	c	75.4	13.4	75.8	201	10	08	60	465	241	179472	Se-pu-nev	21048	A	
692	11.38	77.79	49.99	6	US-09-724-676A-21048	Se-pu-nev	21048	A	c	75.4	13.4	75.8	201	10	08	60	465	241	179473	Se-pu-nev	21048	A	
693	11.38	77.79	49.99	6	US-09-724-676-21047	Se-pu-nev	21047	A	c	75.5	13.4	75.8	208	9	08	10	400	815	47602	Se-pu-nev	21047	A	
694	11.38	77.79	49.99	6	US-09-724-676A-21047	Se-pu-nev	21047	A	c	75.7	13.4	75.8	205	9	08	10	400	815	47603	Se-pu-nev	21047	A	
695	11.38	77.79	49.99	8	US-10-170-275-43533	Se-pu-nev	43533	A	c	75.5	13.4	75.6	247	7	08	09	559	800	6	65800	Se-pu-nev	43533	A
696	11.38	77.79	49.99	13	US-63-463-762-88	Se-pu-nev	762	Ap	c	75.5	13.4	75.6	251	7	08	09	559	800	6	65801	Se-pu-nev	762	Ap
697	11.38	77.79	49.99	11	US-60-452-680-0077	Se-pu-nev	0077	Ap	c	75.0	13.4	75.8	262	7	08	09	559	800	6	65802	Se-pu-nev	0077	Ap
698	11.38	77.79	48.34	9	US-10-144-771-22125	Se-pu-nev	22125	A	c	75.2	13.4	75.8	292	9	08	10	400	815	2370	Se-pu-nev	22125	A	
699	11.38	77.79	54.24	9	US-10-144-771-42137	Se-pu-nev	42137	A	c	75.2	13.4	75.8	292	9	08	10	400	815	2370	Se-pu-nev	42137	A	
700	11.38	77.79	67.28	1	US-09-949-016-13103	Se-pu-nev	13103	A	c	75.4	13.4	75.8	299	7	08	09	559	800	6	65803	Se-pu-nev	13103	A
701	11.38	77.79	67.28	7	US-09-949-016-13103	Se-pu-nev	13103	Ap	c	75.4	13.4	75.8	299	7	08	09	559	800	6	65804	Se-pu-nev	13103	Ap
702	11.38	77.79	72.72	11	US-60-466-643-12457	Se-pu-nev	12457	Ap	c	75.5	13.4	75.8	291	9	08	10	419	961	22561	Se-pu-nev	12457	Ap	
703	11.38	77.79	120.61	7	US-09-949-016-16134	Se-pu-nev	16134	A	c	75.6	13.4	75.8	299	8	08	09	559	800	6	65805	Se-pu-nev	16134	A
704	11.38	77.79	146.21	7	US-09-949-016-16547	Se-pu-nev	16547	A	c	75.6	13.4	75.8	299	8	08	09	559	800	6	65806	Se-pu-nev	16547	A
705	11.38	77.79	148.2	10	US-63-465-243-51293	Se-pu-nev	51293	A	c	75.2	13.4	75.7	300	8	08	10	400	815	13464	Se-pu-nev	51293	A	
706	11.38	77.79	156.46	10	US-60-465-241-51994	Se-pu-nev	51994	A	c	75.0	13.4	75.8	306	8	08	10	400	815	2389	Se-pu-nev	51994	A	
707	11.38	77.79	164.21	7	US-09-949-016-13490	Se-pu-nev	13490	A	c	77.0	13.4	75.8	323	5	08	09	559	815	6997	Se-pu-nev	13490	A	
708	11.38	77.79	169.21	10	US-60-465-241-54671	Se-pu-nev	54671	A	c	77.1	13.4	75.8	323	5	08	09	559	815	6997	Se-pu-nev	54671	A	
709	11.38	77.79	178.96	7	US-09-949-016-13667	Se-pu-nev	13667	A	c	77.2	13.4	75.8	324	8	08	10	419	961	22561	Se-pu-nev	13667	A	
710	11.38	77.79	181.29	9	US-10-017-161-741	Se-pu-nev	741	Ap	c	77.3	13.4	75.8	326	4	08	09	512	575	92610	Se-pu-nev	741	Ap	
711	11.38	77.79	181.56	7	US-09-949-016-13952	Se-pu-nev	13952	A	c	77.4	13.4	75.8	328	8	08	10	419	120	9000	Se-pu-nev	13952	A	
712	11.38	77.79	230.21	10	US-60-465-241-51475	Se-pu-nev	51475	A	c	77.6	13.4	75.8	338	9	08	10	400	815	9008	Se-pu-nev	51475	A	
713	11.38	77.79	238.1	13	US-63-463-762-88	Se-pu-nev	762	Ap	c	77.6	13.4	75.8	338	9	08	09	549	916	13936	Se-pu-nev	762	Ap	
714	11.38	77.79	238.18	10	US-60-465-241-52407	Se-pu-nev	52407	A	c	77.7	13.4	75.8	338	9	08	09	549	916	13936	Se-pu-nev	52407	A	
715	11.38	77.79	253.21	7	US-09-949-016-12955	Se-pu-nev	12955	A	c	77.8	13.4	75.8	345	9	08	10	392	125A	13362	Se-pu-nev	12955	A	
716	11.38	77.79	253.21	7	US-09-949-016-12955	Se-pu-nev	12955	A	c	77.9	13.4	75.8	345	9	08	10	392	125A	13362	Se-pu-nev	12955	A	
717	11.38	77.79	266.36	10	US-60-465-241-51142	Se-pu-nev	51142	A	c	77.9	13.4	75.8	346	9	08	10	419	120	9007	Se-pu-nev	51142	A	
718	11.38	77.79	272.46	10	US-60-465-241-51142	Se-pu-nev	51142	A	c	78.1	13.4	75.8	346	9	08	10	419	120	9007	Se-pu-nev	51142	A	
719	11.38	77.79	292.26	7	US-09-949-016-13756	Se-pu-nev	13756	A	c	78.2	13.4	75.8	353	9	08	10	400	815	46504	Se-pu-nev	13756	A	
720	11.38	77.79	292.26	7	US-09-949-016-13756	Se-pu-nev	13756	A	c	78.2	13.4	75.8	353	9	08	10	400	815	46504	Se-pu-nev	13756	A	
721	11.38	77.79	365.73	10	US-60-465-241-52024	Se-pu-nev	52026	A	c	78.3	13.4	75.8	353	9	08	10	400	815	46504	Se-pu-nev	52026	A	
722	11.38	77.79	365.73	10	US-60-465-241-52024	Se-pu-nev	52026	A	c	78.3	13.4	75.8	353	9	08	10	400	815	46504	Se-pu-nev	52026	A	
723	11.38	77.79	430.18	7	US-09-949-016-12965	Se-pu-nev	12965	A	c	78.5	13.4	75.8	358	9	08	10	419	120	9001	Se-pu-nev	12965	A	
724	11.38	77.79	430.95	7	US-09-949-016-12965	Se-pu-nev	12965	A	c	78.5	13.4	75.8	358	9	08	10	419	120	9001	Se-pu-nev	12965	A	
725	11.38	77.79	432.67	7	US-09-949-016-12965	Se-pu-nev	12965	A	c	78.5	13.4	75.8	358	9	08	10	419	120	9001	Se-pu-nev	12965	A	
726	11.38	77.79	432.67	7	US-09-949-016-12965	Se-pu-nev	12965	A	c	78.5	13.4	75.8	358	9	08	10	419	120	9001	Se-pu-nev	12965	A	
727	11.38	77.79	432.67	7	US-09-949-016-12965	Se-pu-nev	12965	A	c	78.5	13.4	75.8	358	9	08	10	419	120	9001	Se-pu-nev	12965	A	
728	11.38	77.79	532.25	10	US-60-465-241-52411	Se-pu-nev	52411	A	c	79.3	13.4	75.8	367	1	08	10	392	125A	13362	Se-pu-nev	52411	A	
729	11.38	77.79	532.25	10	US-60-465-241-52411	Se-pu-nev	52411	A	c	79.3	13.4	75.8	367	1	08	10	392	125A	13362	Se-pu-nev	52411	A	
730	11.38	77.79	532.25	10	US-60-465-241-52411	Se-pu-nev	52411	A	c	79.3	13.4	75.8	367	1	08	10	392	125A	13362	Se-pu-nev	52411	A	
731	11.38	77.79	622.27	7	US-09-949-016-13756	Se-pu-nev	13756	A	c	79.4	13.4	75.8	367	1	08	10	419	120	9001	Se-pu-nev	13756	A	
732	11.38	77.79	622.27	7	US-09-949-016-13756	Se-pu-nev	13756	A	c	79.4	13.4	75.8	367	1	08	10	419	120	9001	Se-pu-nev	13756	A	
733	11.38	77.79	676.04	10	US-60-465-241-51060	Se-pu-nev	51060	A	c	79.6	13.4	75.8	367	1	08	10	419	120	9001	Se-pu-nev	51060	A	
734	11.38	77.79	824.29	10	US-60-465-241-52956	Se-pu-nev	52956	A	c	79.7	13.4	75.8	367	1	08	10	419	120	9001	Se-pu-nev	52956	A	
735	11.38	77.79	824.29	10	US-60-465-241-52956	Se-pu-nev	52956	A	c	79.7	13.4	75.8	367	1	08	10	419	120	9001	Se-pu-nev	52956	A	
736	11.38	77.79	848.80	10	US-60-465-241-51963	Se-pu-nev	51963	A	c	79.9	13.4	75.8	367	1	08	10	419	120	9001	Se-pu-nev	51963	A	
737	11.38	77.79	848.80	10	US-60-465-241-51963	Se-pu-nev	51963	A	c	79.9	13.4	75.8	367	1	08	10	419	120	9001	Se-pu-nev	51963	A	
738	11.38	77.79	923.44	7	US-09-949-016-13667	Se-pu-nev	13667	A	c	80.3	13.4	75.8	367	1	08	10	419	120	9001	Se-pu-nev	923.44	A	
739	11.38	77.79	923.44	7	US-09-949-016-13667	Se-pu-nev	13667	A	c	80.3	13.4	75.8	367	1	08	10	419	120	9001	Se-pu-nev	923.44	A	
740	11.38	77.79	923.44	7	US-09-949-016-13667	Se-pu-nev	13667	A	c	80.3	13.4	75.8	367	1	08	10	419	120	9001	Se-pu-nev	923.44	A	
741	11.38	77.79	923.44	7	US-09-949-016-13667	Se-pu-nev	13667	A	c	80.3	13.4	75.8	367	1	08	10	419	120	9001	Se-pu-nev	923.44	A	
742	11.38	77.79	965.97	1	US-09-949-016-13667	Se-pu-nev	13667	Ap	c	80.3	13.4	75.8	367	1	08	10	419	120	9001	Se-pu-nev	965.97	Ap	
743	11.38	77.79	965.97	1	US-09-949-016-13667	Se-pu-nev	13667	Ap	c	80.3	13.4	75.8	367	1	08	10	419	120	9001	Se-pu-nev	965.97	Ap	
744	11.38	77.79	1340.08	7	US-09-949-016-13667	Se-pu-nev	13667	A	c	80.3	13.4	75.8	367	1	08	10	419	120	9001	Se-pu-nev	1340.08	A	
745	11.38	77.79	1340.08	7	US-09-949-016-13667	Se-pu-nev	13667	A	c	80.3	13.4	75.8	367	1	08	10	419	120	9001	Se-pu-nev	1340.08	A	
746	11.38	77.79	2026.55	9	US-09-949-016-12766	Se-pu-nev	12766	A	c	81.0	13.4	75.8	367	1	08	10	419	120	9001	Se-pu-nev	2026.55	A	
747	11.38	77.79	2026.55	9	US-09-949-016-12766	Se-pu-nev	12766	A	c	81.0	13.4	75.8	367	1	08	10	419	120	9001	Se-pu-nev	2026.55	A	
748	11.38	77.79	2438.75	7	US-60-465-241-51963	Se-pu-nev	51963	A	c	81.2	13.4	75.8	367	1	08	10	419	120	9001	Se-pu-nev	2438.75	A	
749	11.38	77.79	2438.75	7	US-60-465-241-519																		


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372 14.2 74.7 471 6 US-09-912-293-13417
373 14.2 74.7 472 11 US-60-141-243-71043 A
374 14.2 74.7 473 6 US-09-912-293-13655 A
375 14.2 74.7 478 9 US-09-912-293-13655 A
376 14.2 74.7 480 9 US-10-134-771-2681
377 14.2 74.7 493 6 US-09-912-293-201301
378 14.2 74.7 502 6 US-09-912-293-68169 A
379 14.2 74.7 510 11 US-09-909-292-37119
380 14.2 74.7 525 8 US-10-292-896-121
381 14.2 74.7 531 8 US-10-419-128-16515
382 14.2 74.7 541 9 US-10-306-683-16516
383 14.2 74.7 546 6 US-09-934-850-14001
384 14.2 74.7 564 11 US-60-288-292-2724
385 14.2 74.7 574 11 US-60-288-292-2725
386 14.2 74.7 575 11 US-60-288-292-27411
387 14.2 74.7 585 7 US-09-675-763-6645
388 14.2 74.7 593 9 US-09-333-165-13
389 14.2 74.7 601 7 US-09-947-907-6960
390 14.2 74.7 631 7 US-09-947-907-15653
391 14.2 74.7 601 7 US-09-947-907-20629
392 14.2 74.7 601 7 US-09-949-016-50552
393 14.2 74.7 601 7 US-09-949-016-56316
394 14.2 74.7 601 7 US-09-949-016-71221
395 14.2 74.7 601 7 US-09-949-016-71222
396 14.2 74.7 601 7 US-09-949-016-137059
397 14.2 74.7 601 7 US-09-949-016-117688
398 14.2 74.7 601 7 US-09-949-016-117697
399 14.2 74.7 601 7 US-09-949-016-117694
400 14.2 74.7 601 7 US-09-949-016-117625

```

ALIGNMENTS

```

RESULT 1
US 09 542 315K 227176
2 Sequence 22720, Application US/09/542/315K
3 GENERAL INFORMATION:
4 APPLICATION: Software, Ted Eoy J.
5 APPLICATION: Delesano, Angelo M.
6 APPLICATION: Stuart, Susan G.
7 APPLICATION: Stover, Laura L.
8 APPLICATION: Mulhally, Sara J.
9 APPLICATION: Naudon, Rebecca E.
10 TITLE OF INVENTION: POLYMERIZED DIBS ENVIRONMENTAL REMEDIATION TRANSDUCERS
11 FILE REFERENCE: PD 1002 CIP
12 CURRENT APPLICATION NUMBER: 09/099,119
13 PRIOR FILING DATE: 2000-03-24
14 PRIOR APPLICATION NUMBER: 07/916,451
15 PRIOR FILING DATE: 1992-07-17
16 PRIOR APPLICATION NUMBER: 07/977,700
17 PRIOR FILING DATE: 1992-11-19
18 PRIOR APPLICATION NUMBER: 09/190,125
19 PRIOR FILING DATE: 1993-08-03
20 PRIOR APPLICATION NUMBER: 09/009,119
21 PRIOR FILING DATE: 1998-01-16
22 PRIOR APPLICATION NUMBER: 08/196,364
23 PRIOR FILING DATE: 1994-02-14
24 PRIOR APPLICATION NUMBER: 08/282,991
25 PRIOR FILING DATE: 1994-07-28
26 PRIOR APPLICATION NUMBER: 08/548,571
27 PRIOR FILING DATE: 1995-05-10
28 PRIOR APPLICATION NUMBER: 08/279,833
29 PRIOR FILING DATE: 1994-01-11
30 PRIOR APPLICATION NUMBER: 08/504,742
31 PRIOR FILING DATE: 1995-07-20
32 PRIOR APPLICATION NUMBER: 08/137,951
33 PRIOR FILING DATE: 1993-10-14
34 Remaining Prior Application data removed - See File Wrapper of 095.
35 NUMBER OF SEQ ID NOS: 42212
36 SOFTWARE: PERL Program
37 SEQ ID NO: 22720
38 LENGTH: 242

```

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1 TYPE: DNA
2 ORIGIN: Homo sapiens
3 FEATURE:
4 NAME/KEY: misc_feature
5 OTHER INFORMATION: The 710 to 810, Improvements
6 FEATURE:
7 NAME/KEY: misc_feature
8 ORIGIN: Homo sapiens
9 OTHER INFORMATION: The 1002 CIP, of other
10 US 09 542 315K 22717
11 Query Match:
12 Best Local: Similarity: 100.00% Score: 192 Len: 62 Len: 62
13 Matched: 192 Covered: 192 Mismatched: 0
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Query Match:
Best Local: Similarity: 100.00% Score: 192 Len: 62 Len: 62
Matched: 192 Covered: 192 Mismatched: 0

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: CURRENT APPLICATION NUMBER: 05/209/94-9 016
 : CURRENT FILING DATE: 2000-04-14
 : PRIOR APPLICATION NUMBER: 60/241 755

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: USER RUNNING: NAME: John Doe
: NUMBER OF SAs: 11; Ns: 20000
: SOFTWARE: FastSeq for Windows Version 4.0

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RESULT 18
 US-09-724-676A-14544/c
 : Sequence 14544, Application US/09/724676A
 : GENERAL INFORMATION:
 : APPLICANT: Compugen LTD
 : TITLE OF INVENTION: Variants of alternative splicing
 : FILE REFERENCE: 129181.4 Compugen
 : CURRENT APPLICATION NUMBER: US/09/724676A
 : CURRENT FILING DATE: 2000-11-28
 : NUMBER OF SEQ ID NOS: 97222
 : SOFTWARE: Patent in version 3.2
 : SEQ ID NO: 14544
 : LENGTH: 648
 : TYPE: DNA
 : ORGANISM: Homo sapiens
 US-09-724-676A-14544

Query Match 100.0% Score 19: 108 6: Length 648
 Best Local Similarity 100.0% Pred. No. 31:
 Matches 19: Conservative 0: Mismatches 0: Indels 0: Gaps 0:

27 1 CACAGACAGAGAGAGGCGC 19
 14 604 CACAGACAGAGAGAGGCGC 206

RESULT 19
 US-09-724-676-14556/c
 : Sequence 14556, Application US/09/724676
 : GENERAL INFORMATION:
 : APPLICANT: Compugen LTD
 : TITLE OF INVENTION: Variants of alternative splicing
 : FILE REFERENCE: 129181.4 Compugen
 : CURRENT APPLICATION NUMBER: US/09/724676
 : CURRENT FILING DATE: 2000-11-28
 : NUMBER OF SEQ ID NOS: 97222
 : SOFTWARE: Patent in version 3.2
 : SEQ ID NO: 14556
 : LENGTH: 711
 : TYPE: DNA
 : ORGANISM: Homo sapiens
 US-09-724-676-14556

Query Match 100.0% Score 19: 108 6: Length 711
 Best Local Similarity 100.0% Pred. No. 31:
 Matches 19: Conservative 0: Mismatches 0: Indels 0: Gaps 0:

27 1 CACAGACAGAGAGAGGCGC 19
 14 604 CACAGACAGAGAGAGGCGC 206

RESULT 20
 US-09-724-676A-14556/c
 : Sequence 14556, Application US/09/724676A
 : GENERAL INFORMATION:
 : APPLICANT: Compugen LTD
 : TITLE OF INVENTION: Variants of alternative splicing
 : FILE REFERENCE: 129181.4 Compugen
 : CURRENT APPLICATION NUMBER: US/09/724676A
 : CURRENT FILING DATE: 2000-11-28
 : NUMBER OF SEQ ID NOS: 97222
 : SOFTWARE: Patent in version 3.2
 : SEQ ID NO: 14556
 : LENGTH: 711
 : TYPE: DNA
 : ORGANISM: Homo sapiens
 US-09-724-676A-14556

Query Match 100.0% Score 19: 108 6: Length 711
 Best Local Similarity 100.0% Pred. No. 31:

Matches 19: Conservative 0: Mismatches 0: Indels 0: Gaps 0:
 QY 1 CACAGACAGAGAGGCGC 19
 14 604 CACAGACAGAGAGGCGC 206
 RESULT 21
 US-09-724-676-14544/c
 : Sequence 14544, Application US/09/724676
 : GENERAL INFORMATION:
 : APPLICANT: Compugen LTD
 : TITLE OF INVENTION: Variants of alternative splicing
 : FILE REFERENCE: 129181.4 Compugen
 : CURRENT APPLICATION NUMBER: US/09/724676
 : CURRENT FILING DATE: 2000-11-28
 : NUMBER OF SEQ ID NOS: 97222
 : SOFTWARE: Patent in version 3.2
 : SEQ ID NO: 14544
 : LENGTH: 676
 : TYPE: DNA
 : ORGANISM: Homo sapiens
 US-09-724-676-14544
 Query Match 100.0% Score 19: 108 6: Length 676
 Best Local Similarity 100.0% Pred. No. 31:
 Matches 19: Conservative 0: Mismatches 0: Indels 0: Gaps 0:

QY 1 CACAGACAGAGAGGCGC 19
 14 604 CACAGACAGAGAGGCGC 206

RESULT 22
 US-09-724-676A-14544/c
 : Sequence 14544, Application US/09/724676A
 : GENERAL INFORMATION:
 : APPLICANT: Compugen LTD
 : TITLE OF INVENTION: Variants of alternative splicing
 : FILE REFERENCE: 129181.4 Compugen
 : CURRENT APPLICATION NUMBER: US/09/724676A
 : CURRENT FILING DATE: 2000-11-28
 : NUMBER OF SEQ ID NOS: 97222
 : SOFTWARE: Patent in version 3.2
 : SEQ ID NO: 14544
 : LENGTH: 776
 : TYPE: DNA
 : ORGANISM: Homo sapiens
 US-09-724-676A-14544

Query Match 100.0% Score 19: 108 6: Length 776
 Best Local Similarity 100.0% Pred. No. 31:
 Matches 19: Conservative 0: Mismatches 0: Indels 0: Gaps 0:

QY 1 CACAGACAGAGAGGCGC 19
 14 604 CACAGACAGAGAGGCGC 206

RESULT 23
 US-09-724-676-14544/c
 : Sequence 14544, Application US/09/724676
 : GENERAL INFORMATION:
 : APPLICANT: Compugen LTD
 : TITLE OF INVENTION: Variants of alternative splicing
 : FILE REFERENCE: 129181.4 Compugen
 : CURRENT APPLICATION NUMBER: US/09/724676
 : CURRENT FILING DATE: 2000-11-28
 : NUMBER OF SEQ ID NOS: 97222
 : SOFTWARE: Patent in version 3.2
 : SEQ ID NO: 14544
 : LENGTH: 776
 : TYPE: DNA

1 ORGANISM: Homo sapiens
US 09 724 676 14519

Query Match 100.0% Score 19; 10 6; Length 74;
Best Local Similarity 100.0%; Prod. No. 41;
Matches 19; Conserved 19; Mismatches 0; Indels 0; Gaps 0;

1 CCAAGAGAGAGAGAGAGGCTC 19
14 GAT CCAAGAGAGAGAGAGAGGCTC 286

RESULT 24

US 09 724 676A 14519/c

1 Sequence 14519, Application US/200724676A
1 GENERAL INFORMATION:
1 APPLICANT: Compugen LTD
1 TITLE OF INVENTION: Variants of alternative splicing
1 FILE REFERENCE: 129181.3 Compugen
1 CURRENT FILING DATE: 2000-11-28
1 NUMBER OF SEQ ID NOS: 97222
1 SOFTWARE: Patent in version 1.2
1 SEQ ID NO 14519
1 LENGTH: 74
1 TYPE: DNA
1 ORGANISM: Homo sapiens

US 09 724 676A 14519

Query Match 100.0% Score 19; 10 6; Length 74;
Best Local Similarity 100.0%; Prod. No. 41;
Matches 19; Conserved 19; Mismatches 0; Indels 0; Gaps 0;

1 CCAAGAGAGAGAGAGGCTC 19
14 GAT CCAAGAGAGAGAGAGGCTC 286

RESULT 25

US 09 724 676 14558/c

1 Sequence 14558, Application US/09724676
1 GENERAL INFORMATION:
1 APPLICANT: Compugen LTD
1 TITLE OF INVENTION: Variants of alternative splicing
1 FILE REFERENCE: 129181.3 Compugen
1 CURRENT FILING DATE: 2000-11-28
1 NUMBER OF SEQ ID NOS: 97222
1 SOFTWARE: Patent in version 1.2
1 SEQ ID NO 14558
1 LENGTH: 63
1 TYPE: DNA
1 ORGANISM: Homo sapiens

US 09 724 676 14558

Query Match 100.0% Score 19; 10 6; Length 63;
Best Local Similarity 100.0%; Prod. No. 41;
Matches 19; Conserved 19; Mismatches 0; Indels 0; Gaps 0;

1 CCAAGAGAGAGAGAGGCTC 19
14 GAT CCAAGAGAGAGAGAGGCTC 286

RESULT 26

US 09 724 676A 14558/c

1 Sequence 14558, Application US/200724676A
1 GENERAL INFORMATION:
1 APPLICANT: Compugen LTD
1 TITLE OF INVENTION: Variants of alternative splicing
1 FILE REFERENCE: 129181.3 Compugen
1 CURRENT FILING DATE: 2000-11-28

1 NUMBER OF SEQ ID NOS: 97222
1 SOFTWARE: Patent in version 1.2
1 SEQ ID NO 14558
1 LENGTH: 63
1 TYPE: DNA
1 ORGANISM: Homo sapiens

US 09 724 676A 14558

Query Match 100.0% Score 19; 10 6; Length 63;
Best Local Similarity 100.0%; Prod. No. 41;
Matches 19; Conserved 19; Mismatches 0; Indels 0;

1 CCAAGAGAGAGAGAGGCTC 19
14 GAT CCAAGAGAGAGAGAGGCTC 286

RESULT 27

US 09 724 676 14548/c

1 Sequence 14548, Application US/200724676
1 GENERAL INFORMATION:
1 APPLICANT: Compugen LTD
1 TITLE OF INVENTION: Variants of alternative splicing
1 FILE REFERENCE: 129181.3 Compugen
1 CURRENT FILING DATE: 2000-11-28
1 NUMBER OF SEQ ID NOS: 97222
1 SOFTWARE: Patent in version 1.2
1 SEQ ID NO 14548
1 LENGTH: 815
1 TYPE: DNA
1 ORGANISM: Homo sapiens

US 09 724 676 14548

Query Match 100.0% Score 19; 10 6; Length 815;
Best Local Similarity 100.0%; Prod. No. 41;
Matches 19; Conserved 19; Mismatches 0; Indels 0;

1 CCAAGAGAGAGAGAGGCTC 19
14 GAT CCAAGAGAGAGAGAGGCTC 286

RESULT 28

US 09 724 676A 14548/c

1 Sequence 14548, Application US/200724676A
1 GENERAL INFORMATION:
1 APPLICANT: Compugen LTD
1 TITLE OF INVENTION: Variants of alternative splicing
1 FILE REFERENCE: 129181.3 Compugen
1 CURRENT FILING DATE: 2000-11-28
1 NUMBER OF SEQ ID NOS: 97222
1 SOFTWARE: Patent in version 1.2
1 SEQ ID NO 14548
1 LENGTH: 815
1 TYPE: DNA
1 ORGANISM: Homo sapiens

US 09 724 676A 14548

Query Match 100.0% Score 19; 10 6; Length 815;
Best Local Similarity 100.0%; Prod. No. 41;
Matches 19; Conserved 19; Mismatches 0; Indels 0;

1 CCAAGAGAGAGAGAGGCTC 19
14 GAT CCAAGAGAGAGAGAGGCTC 286

RESULT 29

US 09 724 676 14558/c

1 Sequence 14558, Application US/200724676
1 GENERAL INFORMATION:

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: APPLICANT: Champion LTD
: TITLE OF INVENTION: Variants of alternative splicing
: FILE REFERENCE: 129181.4 Compound
: CURRENT APPLICATION NUMBER: 02/09724.676
: NUMBER OF SEQ ID NOS: 2000-11-28
: SOFTWARE: Patent in version 3.2
: SEQ ID NO: 14555
: LENGTH: 844
: TYPE: DNA
: ORGANISM: Homo sapiens
US-09-724-676-14555

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Query Match 100.0% Score 19; DB 6; Length 844;
Best Local Similarity 100.0%; Pred. No. 31;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

>> 1 CAAAGAGAGAGCGGCGTC 19
14 64 CAAAGAGAGAGCGGCGTC 286

```

```

RESULT 31
US-09-724-676-14555/c
: Sequence 14555, Application US/09724676A
: GENERAL INFORMATION:
: APPLICANT: Champion LTD
: TITLE OF INVENTION: Variants of alternative splicing
: FILE REFERENCE: 129181.4 Compound
: CURRENT APPLICATION NUMBER: 02/09724.676A
: CURRENT FILING DATE: 2000-11-28
: NUMBER OF SEQ ID NOS: 97222
: SOFTWARE: Patent in version 3.2
: SEQ ID NO: 14555
: LENGTH: 844
: TYPE: DNA
: ORGANISM: Homo sapiens
US-09-724-676-14555

```

```

Query Match 100.0% Score 19; DB 6; Length 844;
Best Local Similarity 100.0%; Pred. No. 31;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

>> 1 CAAAGAGAGAGCGGCGTC 19
11 64 CAAAGAGAGAGCGGCGTC 286

```

```

RESULT 31
US-09-724-676-14555/c
: Sequence 14555, Application US/09724676A
: GENERAL INFORMATION:
: APPLICANT: Champion LTD
: TITLE OF INVENTION: Variants of alternative splicing
: FILE REFERENCE: 129181.4 Compound
: CURRENT APPLICATION NUMBER: 02/09724.676
: CURRENT FILING DATE: 2000-11-28
: NUMBER OF SEQ ID NOS: 97222
: SOFTWARE: Patent in version 3.2
: SEQ ID NO: 14555
: LENGTH: 880
: TYPE: DNA
: ORGANISM: Homo sapiens
US-09-724-676-14555

```

```

Query Match 100.0% Score 19; DB 6; Length 880;
Best Local Similarity 100.0%; Pred. No. 31;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

>> 1 CAAAGAGAGAGCGGCGTC 19
16 64 CAAAGAGAGAGCGGCGTC 286

```

```

RESULT 32
US-09-724-676A-14555/c
: Sequence 14555, Application US/0724676A
: GENERAL INFORMATION:
: APPLICANT: Champion LTD
: TITLE OF INVENTION: Variants of alternative splicing
: FILE REFERENCE: 129181.4 Compound
: CURRENT APPLICATION NUMBER: US/0724.676A
: CURRENT FILING DATE: 2000-11-28
: NUMBER OF SEQ ID NOS: 97222
: SOFTWARE: Patent in version 3.2
: SEQ ID NO: 14555
: LENGTH: 880
: TYPE: DNA
: ORGANISM: Homo sapiens
US-09-724-676A-14555

```

```

Query Match 100.0% Score 19; DB 6; Length 880;
Best Local Similarity 100.0%; Pred. No. 31;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

>> 1 CAAAGAGAGAGCGGCGTC 19
16 64 CAAAGAGAGAGCGGCGTC 286

```

```

RESULT 33
US-09-724-676-14551/c
: Sequence 14551, Application US/09724676
: GENERAL INFORMATION:
: APPLICANT: Champion LTD
: TITLE OF INVENTION: Variants of alternative splicing
: FILE REFERENCE: 129181.4 Compound
: CURRENT APPLICATION NUMBER: US/09724.676
: CURRENT FILING DATE: 2000-11-28
: NUMBER OF SEQ ID NOS: 97222
: SOFTWARE: Patent in version 3.2
: SEQ ID NO: 14551
: LENGTH: 887
: TYPE: DNA
: ORGANISM: Homo sapiens
US-09-724-676-14551

```

```

Query Match 100.0% Score 19; DB 6; Length 887;
Best Local Similarity 100.0%; Pred. No. 31;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

>> 1 CAAAGAGAGAGCGGCGTC 19
16 64 CAAAGAGAGAGCGGCGTC 286

```

```

RESULT 31
US-09-724-676A-14551/c
: Sequence 14551, Application US/09724676A
: GENERAL INFORMATION:
: APPLICANT: Champion LTD
: TITLE OF INVENTION: Variants of alternative splicing
: FILE REFERENCE: 129181.4 Compound
: CURRENT APPLICATION NUMBER: US/09724.676A
: CURRENT FILING DATE: 2000-11-28
: NUMBER OF SEQ ID NOS: 97222
: SOFTWARE: Patent in version 3.2
: SEQ ID NO: 14551
: LENGTH: 887
: TYPE: DNA
: ORGANISM: Homo sapiens
US-09-724-676A-14551

```

```

Query Match 100.0% Score 19; DB 6; Length 887;
Best Local Similarity 100.0%; Pred. No. 31;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```



```

: SOFTWARE: Patent in version 4.2
: SEQ ID NO: 14552
: LENGTH: 918
: TYPE: DNA
: ORGANISM: Homo sapiens
US-09-724-676A-14552

```

```

Query Match
Best Local Similarity 100.0% Score 19; DB 6; Length 918;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1 CAAACAGAGAGGCGGCTC 19
14 604 CAAACAGAGAGGCGGCTC 286

```

```

RESULT 4
US-09-724-676A-14518/c
: Sequence 14518; Application US/00/24676
: GENERAL INFORMATION:
: APPLICANT: Compugen LTD
: TITLE OF INVENTION: Variants of alternative splicing
: FILE REFERENCE: 129181.4 Compugen
: CURRENT APPLICATION NUMBER: US/00/724-676
: CURRENT FILING DATE: 2000-11-28
: SOFTWARE: Patent in version 4.2
: SEQ ID NO: 14518
: LENGTH: 927
: TYPE: DNA
: ORGANISM: Homo sapiens
US-09-724-676A-14518

```

```

Query Match
Best Local Similarity 100.0% Score 19; DB 6; Length 927;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1 CAAACAGAGAGGCGGCTC 19
14 604 CAAACAGAGAGGCGGCTC 286

```

```

RESULT 4
US-09-724-676A-14518/c
: Sequence 14518; Application US/00/24676
: GENERAL INFORMATION:
: APPLICANT: Compugen LTD
: TITLE OF INVENTION: Variants of alternative splicing
: FILE REFERENCE: 129181.4 Compugen
: CURRENT APPLICATION NUMBER: US/00/724-676A
: CURRENT FILING DATE: 2000-11-28
: SOFTWARE: Patent in version 4.2
: SEQ ID NO: 14518
: LENGTH: 927
: TYPE: DNA
: ORGANISM: Homo sapiens
US-09-724-676A-14518

```

```

Query Match
Best Local Similarity 100.0% Score 19; DB 6; Length 927;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1 CAAACAGAGAGGCGGCTC 19
14 604 CAAACAGAGAGGCGGCTC 286

```

```

RESULT 4
US-09-724-676A-14554/c
: Sequence 14554; Application US/00/24676
: GENERAL INFORMATION:
: APPLICANT: Compugen LTD

```

```

: TITLE OF INVENTION: Variants of alternative splicing
: FILE REFERENCE: 129181.4 Compugen
: CURRENT APPLICATION NUMBER: US/00/724-676
: CURRENT FILING DATE: 2000-11-28
: NUMBER OF SEQ ID NOS: 97222
: SOFTWARE: Patent in version 4.2
: SEQ ID NO: 14554
: LENGTH: 934
: TYPE: DNA
: ORGANISM: Homo sapiens
US-09-724-676A-14554

```

```

Query Match
Best Local Similarity 100.0% Score 19; DB 6; Length 934;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1 CAAACAGAGAGGCGGCTC 19
14 604 CAAACAGAGAGGCGGCTC 286

```

```

RESULT 44
US-09-724-676A-14554/c
: Sequence 14554; Application US/00/24676
: GENERAL INFORMATION:
: APPLICANT: Compugen LTD
: TITLE OF INVENTION: Variants of alternative splicing
: FILE REFERENCE: 129181.4 Compugen
: CURRENT APPLICATION NUMBER: US/00/724-676A
: CURRENT FILING DATE: 2000-11-28
: NUMBER OF SEQ ID NOS: 97222
: SOFTWARE: Patent in version 4.2
: SEQ ID NO: 14554
: LENGTH: 934
: TYPE: DNA
: ORGANISM: Homo sapiens
US-09-724-676A-14554

```

```

Query Match
Best Local Similarity 100.0% Score 19; DB 6; Length 934;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1 CAAACAGAGAGGCGGCTC 19
14 604 CAAACAGAGAGGCGGCTC 286

```

```

RESULT 15
US-10-170-235-434/c
: Sequence 134; Application US/10/170235
: GENERAL INFORMATION:
: APPLICANT: VERILOG, INC.
: TITLE OF INVENTION: KIDS, SUCH AS NOVELLY AD ARRAYS, COMBINING A VARYING PER
: TITLE OF INVENTION: TRANSCRIPTS, FOR DETECTING EXPRESSION OF A GENE, SUCH AS THE
: FILE REFERENCE: 129180
: CURRENT APPLICATION NUMBER: US/10/170,235
: CURRENT FILING DATE: 2003-03-17
: NUMBER OF SEQ ID NOS: 42514
: SEQ ID NO: 4346
: LENGTH: 977
: TYPE: DNA
: ORGANISM: HUMAN
US-10-170-235-434/c

```

```

Query Match
Best Local Similarity 100.0% Score 19; DB 8; Length 977;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1 CAAACAGAGAGGCGGCTC 19
14 286 CAAACAGAGAGGCGGCTC 247

```

